

Figure 5-16 IDCT

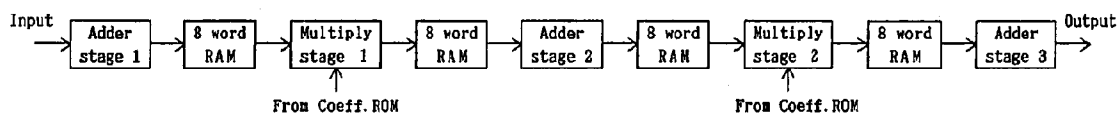


Figure 5-17 8-point processor

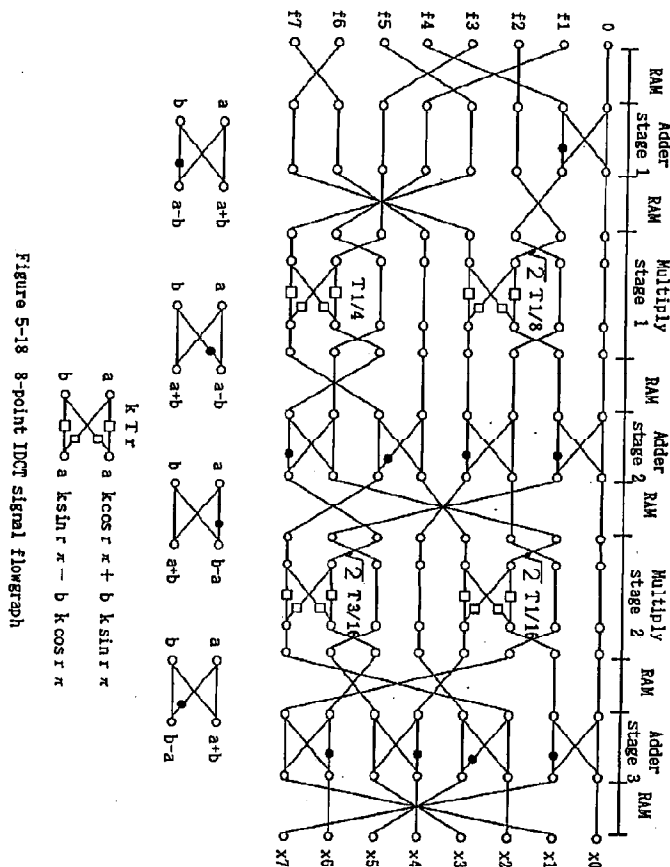


Figure 5-18 8-point IDCT signal flowgraph

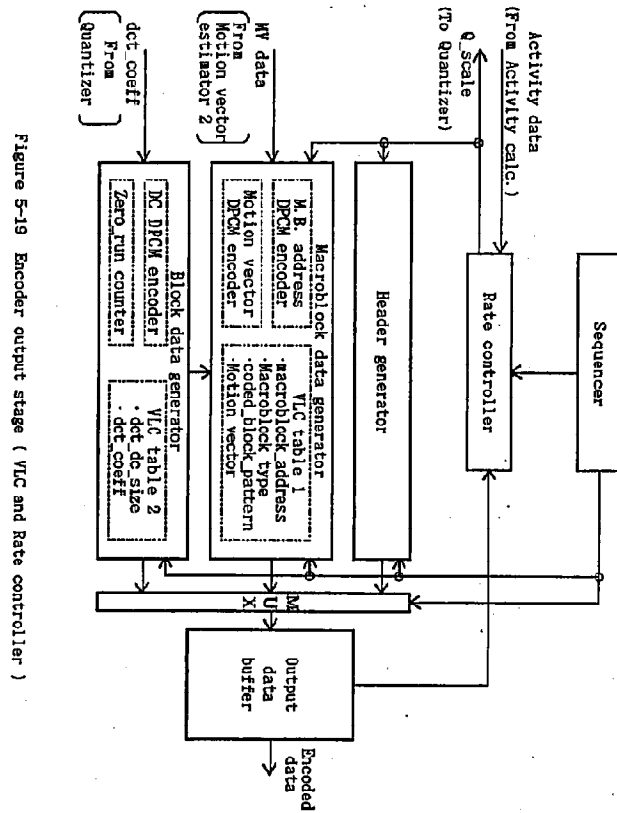


Figure 5-19 Encoder output stage (VLC and Rate controller)

76

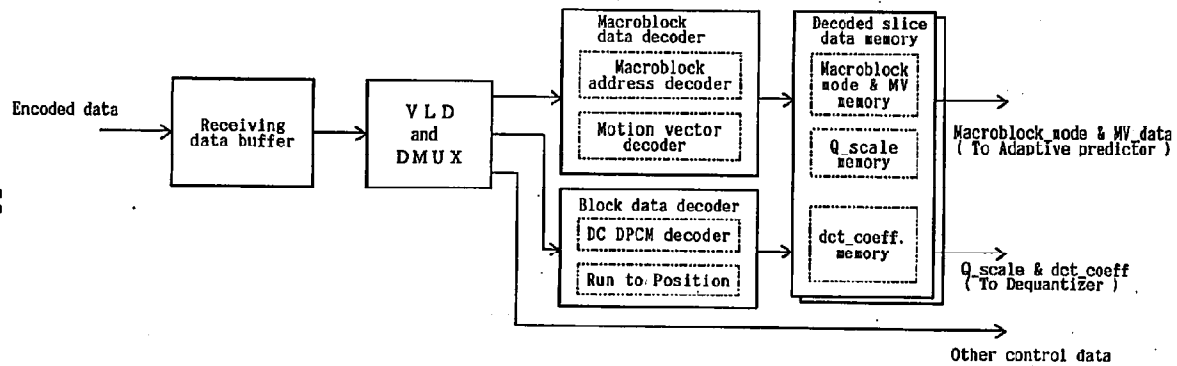


Figure 5-20 Decoder input stage

77

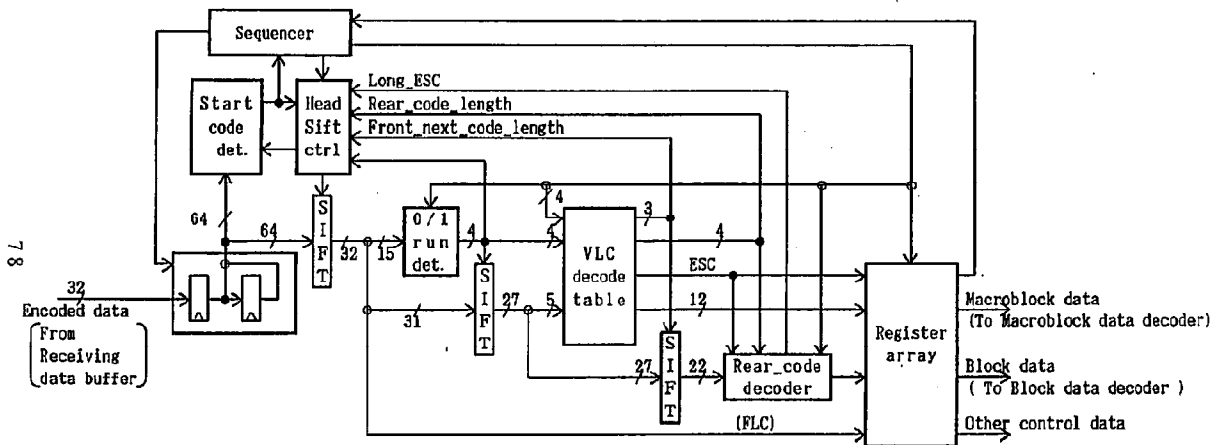


Figure 5-21 VLD and DMUX

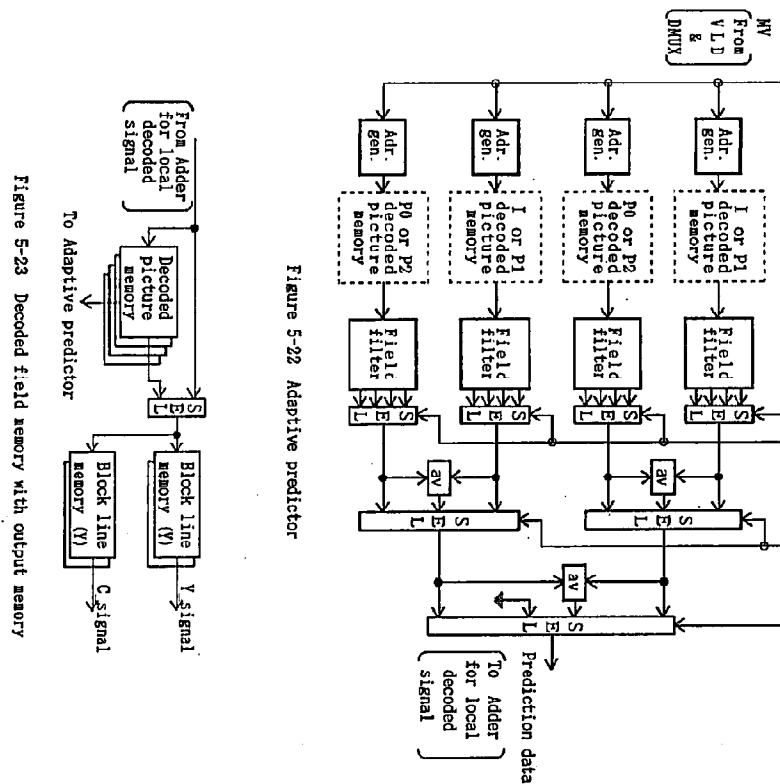
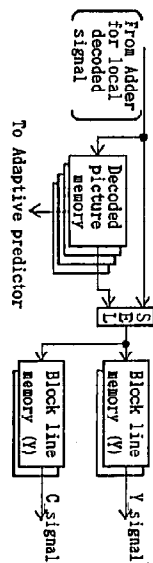


Figure 5-23 Decoded field memory with output memory



6. Simulation results

The simulation results of the proposed method for predetermined test sequences are shown in the following pages. Table 6-1 shows a coded bit stream list in UNIX "ls -l" command.

total	31808				
1	mpeg	2495064	Oct 16 10:29	flower-4M	stream
1	mpeg	5620414	Oct 16 10:31	flower-9M	stream
1	mpeg	2495388	Oct 16 10:32	football-4M	stream
1	mpeg	2495335	Oct 16 10:43	mobile-4M	stream
1	mpeg	5621989	Oct 16 10:45	mobile-9M	stream
1	mpeg	5621641	Oct 16 10:34	popple-9M	stream
1	mpeg	2496818	Oct 16 11:05	tennis-4M	stream
1	mpeg	5620768	Oct 16 11:07	tennis-9M	stream

Table 6-1 Coded bit stream list

Flower Garden : 4.0000 Xbits/sec : Results averaged over sequence

Total : 300 pictures	
SNR for luminance	30.74 dB
SNR for chrominance (Cb)	33.85 dB
SNR for chrominance (Cr)	33.99 dB
Number of bits	
Coefficients	Y 11152646 bits
	Cb 466604 bits
	Cr 1302042 bits
	total 13321292 bits
Motion vectors	4253448 bits
Overhead	6505770 bits
TOTAL	19860512 bits
Mean value of Q scale	12.75

I-picture : 12 pictures	
SNR for luminance	32.27 dB
SNR for chrominance (Cb)	34.75 dB
SNR for chrominance (Cr)	34.43 dB
Number of bits	
Coefficients	Y 3185167 bits
	Cb 520830 bits
	Cr 688003 bits
	total 4404600 bits
Motion vectors	0 bits
Overhead	52079 bits
TOTAL	4456680 bits
Mean value of Q scale	9.12

B-picture : 108 pictures	
SNR for luminance	30.53 dB
SNR for chrominance (Cb)	33.89 dB
SNR for chrominance (Cr)	34.04 dB
Number of bits	
Coefficients	Y 1801016 bits
	Cb 34708 bits
	Cr 68801 bits
	total 1765503 bits
Motion vectors	3251118 bits
Overhead	1244587 bits
TOTAL	4401168 bits
Mean value of Q scale	14.57

P0-picture : 13 pictures	
SNR for luminance	31.20 dB
SNR for chrominance (Cb)	33.80 dB
SNR for chrominance (Cr)	33.81 dB
Number of bits	
Coefficients	Y 1314653 bits
	Cb 41456 bits
	Cr 72788 bits
	total 1431197 bits
Motion vectors	79103 bits
Overhead	101436 bits
TOTAL	1611116 bits
Mean value of Q scale	9.15

P1-picture : 38 pictures	
SNR for luminance	31.05 dB
SNR for chrominance (Cb)	33.69 dB
SNR for chrominance (Cr)	33.82 dB

Number of bits	
Coefficients	Y 2715492 bits
	Cb 162853 bits
	Cr 280774 bits
	total 3159119 bits
Motion vectors	457113 bits
Overhead	283112 bits
TOTAL	3699544 bits
Mean value of Q scale	6.23

P2-picture : 38 pictures	
SNR for luminance	30.98 dB
SNR for chrominance (Cb)	33.58 dB
SNR for chrominance (Cr)	33.79 dB
Number of bits	
Coefficients	Y 2328518 bits
	Cb 98750 bits
	Cr 181588 bits
	total 2609856 bits
Motion vectors	660031 bits
Overhead	303641 bits
TOTAL	3580526 bits
Mean value of Q scale	9.27

Flower Garden : 4.0000 Mbits/sec : Statistics of each field and frame

COD	INP	T	Quc	field statistics				frame statistics				consulative
				SW-T	SW-Ch	SW-Cr	bits	SW-T	SW-Ch	SW-Cr	bits	
0	0	1	2.4	31.06	30.27	34.18	357738	31.70	35.73	35.75	464424	387906
1	1	0	7.0	31.35	35.24	35.37	360800	31.70	35.73	35.75	464424	387906
2	2	1	11.2	31.79	35.23	35.38	87256	31.70	35.73	35.75	464424	387906
3	3	2	15.5	32.41	34.81	35.09	70120	31.70	35.73	35.75	464424	387906
4	4	1	14.7	31.94	35.49	35.72	11858	31.70	35.73	35.75	464424	387906
5	5	0	14.7	31.64	34.72	35.11	33880	31.70	35.73	35.75	464424	387906
6	6	0	15.0	31.45	35.16	35.47	35400	31.70	35.73	35.75	464424	387906
7	7	0	14.7	31.53	34.73	35.18	30976	31.70	35.73	35.75	464424	387906
8	8	1	15.1	31.04	34.56	34.84	103884	31.70	35.73	35.75	464424	387906
9	9	1	15.2	31.39	34.10	34.55	81384	31.70	35.73	35.75	464424	387906
10	10	0	14.7	31.64	34.90	35.28	21584	31.70	35.73	35.75	464424	387906
11	11	0	14.7	31.43	34.13	34.87	33880	31.70	35.73	35.75	464424	387906
12	12	0	14.7	31.02	34.56	35.06	37752	31.70	35.73	35.75	464424	387906
13	13	1	14.7	30.63	34.26	34.65	34736	31.70	35.73	35.75	464424	387906
14	14	1	14.7	31.66	34.34	34.62	116576	31.70	35.73	35.75	464424	387906
15	15	2	15.0	31.70	34.11	34.43	85264	31.70	35.73	35.75	464424	387906
16	16	0	14.0	31.30	34.27	34.63	35464	31.70	35.73	35.75	464424	387906
17	17	0	14.0	31.11	34.00	34.43	34550	31.70	35.73	35.75	464424	387906
18	18	0	14.0	31.14	34.19	34.54	32648	31.70	35.73	35.75	464424	387906
19	19	0	12.7	31.27	34.11	34.56	34160	31.70	35.73	35.75	464424	387906
20	20	1	14.2	30.97	35.25	35.02	133080	31.70	35.73	35.75	464424	387906
21	21	0	14.0	31.66	34.27	34.46	109128	31.70	35.73	35.75	464424	387906
22	22	0	13.7	31.47	34.55	34.78	33336	31.70	35.73	35.75	464424	387906
23	23	0	14.0	31.19	34.37	34.94	37950	31.70	35.73	35.75	464424	387906
24	24	0	14.0	31.63	34.81	35.01	35344	31.70	35.73	35.75	464424	387906
25	25	0	14.0	30.63	34.40	34.88	41896	31.70	35.73	35.75	464424	387906
26	26	0	14.0	31.30	34.46	34.49	112112	31.70	35.73	35.75	464424	387906
27	27	0	14.2	31.97	34.42	34.43	91072	31.70	35.73	35.75	464424	387906
28	28	0	13.0	31.19	34.37	34.94	37950	31.70	35.73	35.75	464424	387906
29	29	0	13.0	31.68	34.73	34.81	34370	31.70	35.73	35.75	464424	387906
30	30	0	12.7	31.35	34.54	34.85	34210	31.70	35.73	35.75	464424	387906
31	31	0	12.7	31.89	34.40	34.63	35248	31.70	35.73	35.75	464424	387906
32	32	0	12.7	32.07	34.33	34.58	117632	31.70	35.73	35.75	464424	387906
33	33	0	12.7	31.18	34.30	34.78	86520	31.70	35.73	35.75	464424	387906
34	34	0	13.0	31.63	34.12	34.47	36230	31.70	35.73	35.75	464424	387906
35	35	0	13.0	31.04	34.25	34.65	41764	31.70	35.73	35.75	464424	387906
36	36	0	13.0	30.81	34.14	34.51	38448	31.70	35.73	35.75	464424	387906
37	37	0	13.0	30.53	34.19	34.68	41880	31.70	35.73	35.75	464424	387906
38	38	0	13.0	30.74	34.03	34.51	93216	31.70	35.73	35.75	464424	387906
39	39	0	13.0	31.33	33.80	34.01	95752	31.70	35.73	35.75	464424	387906
40	40	0	13.0	30.23	33.87	34.32	36336	31.70	35.73	35.75	464424	387906
41	41	0	13.0	30.55	33.82	34.19	33080	31.70	35.73	35.75	464424	387906
42	42	0	13.0	30.13	33.71	34.13	33768	31.70	35.73	35.75	464424	387906
43	43	0	13.0	30.49	33.75	34.03	38464	31.70	35.73	35.75	464424	387906
44	44	0	13.0	30.63	34.09	34.82	317654	31.70	35.73	35.75	464424	387906
45	45	0	13.0	31.61	34.24	34.23	114528	31.70	35.73	35.75	464424	387906
46	46	0	14.7	30.99	34.58	34.67	31640	31.70	35.73	35.75	464424	387906
47	47	0	14.7	30.63	34.15	34.48	32608	31.70	35.73	35.75	464424	387906
48	48	0	14.7	30.71	34.11	34.94	33040	31.70	35.73	35.75	464424	387906
49	49	0	14.7	30.71	34.38	34.57	36960	31.70	35.73	35.75	464424	387906
50	50	0	14.7	32.48	34.82	34.75	111640	31.70	35.73	35.75	464424	387906
51	51	0	14.7	31.75	34.27	34.41	88560	31.70	35.73	35.75	464424	387906
52	52	0	13.8	30.94	34.71	34.71	40972	31.70	35.73	35.75	464424	387906
53	53	0	13.8	30.63	34.57	34.51	34880	31.70	35.73	35.75	464424	387906
54	54	0	13.8	31.15	34.57	34.85	35272	31.70	35.73	35.75	464424	387906
55	55	0	13.8	31.37	34.18	34.34	32864	31.70	35.73	35.75	464424	387906
56	56	0	13.8	31.95	34.44	34.46	108976	31.70	35.73	35.75	464424	387906
57	57	0	13.8	32.05	34.22	34.39	97496	31.70	35.73	35.75	464424	387906
58	58	0	13.8	31.46	34.37	34.41	31176	31.70	35.73	35.75	464424	387906
59	59	0	13.8	31.09	34.24	34.52	36256	31.70	35.73	35.75	464424	387906
60	60	0	13.8	31.26	34.47	34.59	23236	31.70	35.73	35.75	464424	387906
61	61	0	13.8	31.06	34.19	34.39	34048	31.70	35.73	35.75	464424	387906

82

62	62	0	13.8	31.71	34.02	34.28	106800	31.55	33.98	34.23	197200	885054
63	63	0	13.8	31.40	33.77	34.28	98600					959104
64	64	0	13.8	31.65	34.33	34.49	38988					982032
65	65	0	13.8	31.11	33.62	34.49	35736	31.37	34.12	34.36	68664	1016136
66	66	0	13.8	31.39	34.14	34.32	34188					1016136
67	67	0	13.8	30.65	33.84	34.18	40856	31.00	33.99	34.24	74024	1152096
68	68	0	13.8	31.47	35.84	35.33	355440					1456066
69	73	0	13.8	31.22	34.69	34.64	132864	32.88	35.23	35.47	486304	1588800
70	70	0	13.8	31.17	35.12	35.25	42832					1588800
71	71	0	13.8	31.80	34.71	34.89	32696	31.52	34.81	35.11	75528	1644408
72	72	0	13.8	31.35	35.30	35.27	20384					18388
73	71	0	13.8	31.90	34.77	34.68	29552	32.65	35.03	35.64	57736	57736
74	70	0	13.8	31.45	34.96	34.80	105840					136976
75	79	0	13.8	31.42	34.63	34.68	95824	32.14	34.74	34.74	200664	158600
76	79	0	13.8	31.32	35.57	35.40	29424					288024
77	75	0	13.8	31.41	34.42	34.60	33568	31.84	34.96	34.98	63992	311592
78	76	0	13.8	31.63	35.21	35.06	32360					333552
79	77	0	13.8	31.91	34.38	34.41	36912	31.26	34.78	34.79		338160
80	84	0	13.8	31.47	34.00	34.37	93408	31.58	34.07	34.39	195120	125276
81	82	0	13.8	31.65	34.00	34.35	39800					355884
82	80	0	13.8	30.32	34.54	34.85	33776	31.11	34.50	34.76	15576	625784
83	81	0	13.8	31.30	34.46	34.68	33576					601560
84	82	0	13.8	31.13	34.42	34.68	33776					634488
85	81	0	13.8	31.47	34.47	34.64	30096	31.30	34.45	34.66	63472	736160
86	86	0	13.8	31.33	35.33	35.39	174822	30.82	33.47	33.80	184056	809888
87	86	0	15.7	30.49	33.70	34.24	31832					984720
88	87	0	16.0	30.29	33.81	34.28	33164	30.30	33.76	34.26	64736	979168
89	88	0	16.0	30.30	33.71	34.17	31880	30.19	33.61	34.11	62336	1036160
90	88	0	16.0	30.48	33.51	34.18	30736					1237472
91	92	0	16.0	31.35	33.82	33.93	119496	31.85	34.24	34.23	455744	1498800
92	92	0	15.7	31.14	34.55		32880	30.74	34.19	34.33	82000	1525074
93	93	0	15.7	31.14	34.55		32880					29320
94	94	0	15.7	31.53	34.80	34.81	29520	31.65	34.30	34.53	33520	167312
95	95	0	15.7	31.01	34.02	34.26	34040	30.99	34.30	34.53		273580
96	98	0	13.0	31.13	33.95	33.35	104256	31.65	34.13	34.15	210048	319424
97	99	0	13.0	30.84	34.22	34.52	29856	31.33	34.50	34.51	99520	343808
100	99	0	13.0	31.88	34.59	34.50	39600					279932
101	98	0	13.0	30.73	34.11	34.16	36584	31.12	34.24	34.25	33064	406152
102	100	0	13.0	31.58	34.78	34.78	104664					517832
103	101	0	13.0	30.82	34.22	34.28	118080	31.43	30.63	34.80	167648	681106
104	103	0	13.0	30.98	33.93	34.01	62700	30.95	34.00	34.32	77120	168170
105	105	0	13.0	31.23	34.24	34.25	42136					114712
106	107	0	13.0	31.49	34.00	34.05	29592	31.04	33.92	34.21	70336	151456
107	107	0	13.0	30.53	33.60	34.07	40744					161000
108	110	0	14.0	31.17	33.53	33.98	106576	31.27	33.58	34.61	200208	951656
109	114	0	14.0	31.37	33.63	34.04	98128					881728
110	115	0	14.0	30.60	33.60	33.60	104664	30.54	33.55	33.82	62184	1012804
111	114	0	14.0	30.48	33.43	33.85	32120	30.54	33.55	33.82		1047200
112	114	0	14.0	30.45	33.66	34.04	33860					1026316
113	115	0	14.0	30.26	33.78	34.05	34464	30.55	33.62	34.36		141304
114	120	0	16.0	32.53	34.73	34.85	378080					3397552
115	118	0	14.0	31.43	33.66	34.15	104664	31.98	34.29	34.32	459072	1571008
116	118	0	14.0	31.14	34.43	34.53	31856	31.07	34.29	34.39	65412	1605184
117	117	0	14.0	31.00	34.15	34.45	33576					187200
118	120	0	14.0	31.27	34.76	34.65	35112	31.10	34.43	34.65	67688	187200
119	118	0	14.0	30.84	34.47	34.47	101184					280000
120	123	0	13.0	31.47	35.00	34.95	378080	31.58	34.06	34.13	158800	335336
121	127	0	13.0	31.70	34.22	34.22	34000					376320
122	122	0	13.0	31.20	34.84	34.85	47880	30.98	34.43	34.49	72888	409280
123	125	0	13.0	31.24	34.84	34.84	36784					
124	125	0	13.0	30.71	34.20	34.28	32560	30.83	34.24	34.33	69744	

Total :	300 pictures				
	SNR for luminance			31.05 dB	
	SNR for chrominance (Cb)			30.27 dB	
	SNR for chrominance (Cr)			33.81 dB	
	Number of bits				
	Coefficients	Y	11568009	bits	
		Cb	1016682	bits	
		Cr	785601	bits	
		total	13370490	bits	
	Notion vectors		4179343	bits	
	Overhead		2489913	bits	
	TOTAL		19979544	bits	
	Mean Value of Q scale			7.94	
1-picture :	13 pictures				
	SNR for luminance			33.47 dB	
	SNR for chrominance (Cb)			33.27 dB	
	SNR for chrominance (Cr)			39.80 dB	
	Number of bits				
	Coefficients	Y	2781795	bits	
		Cb	326403	bits	
		Cr	271781	bits	
		total	3383978	bits	
	Notion vectors		0	bits	
	Overhead		52046	bits	
	TOTAL		3436024	bits	
	Mean value of Q scale			6.64	
B-picture :	198 pictures				
	SNR for luminance			30.85 dB	
	SNR for chrominance (Cb)			30.27 dB	
	SNR for chrominance (Cr)			39.87 dB	
	Number of bits				
	Coefficients	Y	2547586	bits	
		Cb	208448	bits	
		Cr	132880	bits	
		total	2888914	bits	
	Notion vectors		3075978	bits	
	Overhead		1535572	bits	
	TOTAL		7501864	bits	
	Mean value of Q scale			8.74	
PB-picture :	18 pictures				
	SNR for luminance			31.34 dB	
	SNR for chrominance (Cb)			31.05 dB	
	SNR for chrominance (Cr)			39.45 dB	
	Number of bits				
	Coefficients	Y	1257187	bits	
		Cb	82317	bits	
		Cr	71504	bits	
		total	1411028	bits	
	Notion vectors		105131	bits	
	Overhead		123720	bits	
	TOTAL		1635888	bits	
	Mean value of Q scale			6.62	
PI-picture :	38 pictures				
	SNR for luminance			31.42 dB	
	SNR for chrominance (Cb)			39.25 dB	
	SNR for chrominance (Cr)			39.81 dB	

COD		Field statistics						Irradiance statistics						cumulative	
IMP	T	Q	asc	SN-Y	SN-Cb	SN-Cr	bits	SN-Y	SN-Cb	SN-Cr	bits	bits	count		
0	0	1	8.4	25.98	38.35	39.87	308346						308346		
1	0	1	8.4	25.98	38.35	39.87	308346	29.52	38.07	39.43	547160		547320		
2	0	1	8.4	25.98	38.35	39.87	308346						308346		
3	7	2	13.9	25.95	38.08	39.41	69729	27.52	38.27	39.57	160120		337870		
4	0	1	8.4	25.98	38.35	39.87	308346						308346		
5	0	1	8.4	25.98	38.35	39.87	308346	26.06	36.08	39.41	41906		748440		
7	5	0	13.0	27.77	37.97	39.20	22048	27.86	38.17	39.51	47604		753332		
8	12	1	11.2	25.68	38.03	39.76	106800						308346		
9	18	0	14.0	26.72	38.04	39.45	24822	16.96	38.03	39.28	221556		1616736		
10	8	0	14.3	27.02	38.44	39.76	26368						308346		
11	9	0	14.0	27.16	38.22	39.54	22120	27.69	38.33	39.65	40464		1055524		
12	10	0	14.0	25.68	38.21	39.55	22504						308346		
13	10	0	14.0	26.72	38.17	39.45	22526	26.71	38.19	39.59	45832		1110256		
14	14	0	14.7	26.47	38.07	39.28	34422						308346		
15	15	0	11.3	26.79	38.34	39.35	108264	26.83	38.20	39.26	22526		1304582		
16	14	0	15.3	26.20	38.10	39.28	25228						308346		
17	15	0	15.0	25.68	38.08	39.22	26712	26.17	38.09	39.21	5244		1381480		
18	16	0	16.3	25.80	38.03	39.22	26712						308346		
19	17	0	17.0	25.60	38.00	39.32	32432	25.70	38.23	39.33	6508		1429968		
20	24	1	10.6	28.44	38.02	39.35	271980						308346		
21	20	0	11.0	26.42	37.52	39.43	163400	27.71	37.81	39.49	43568		1275432		
22	20	0	16.3	25.97	37.52	39.43	163400						308346		
23	21	0	15.0	26.31	38.00	39.43	24928	26.14	38.31	39.48	49582		1292436		
24	22	0	16.3	28.43	38.35	39.68	32280						308346		
25	22	0	16.3	26.30	38.25	39.68	20532	26.39	38.31	39.60	60512		150512		
26	30	0	10.8	27.00	37.90	39.39	106186	26.58	37.97	39.33	222132		157548		
27	31	0	12.4	26.00	37.04	39.47	106186	26.58	37.97	39.33	222132		157548		
28	26	0	16.3	26.55	38.05	39.22	27784						308346		
29	26	0	16.3	26.55	38.05	39.22	27784	25.15	37.94	39.39	58960		301624		
30	28	0	16.6	26.70	38.12	39.22	31176						308346		
31	28	0	17.0	25.04	37.55	39.37	26944	26.14	38.04	39.05	54528		332828		
32	31	0	17.0	26.71	37.97	39.31	112824						308346		
33	37	0	12.0	26.65	37.94	39.31	112824	26.92	37.93	39.37	23632		519876		
34	32	0	14.0	26.61	38.04	39.05	24384						308346		
35	33	0	15.3	26.70	38.07	39.07	20616	26.03	38.03	39.00	94394		943958		
36	33	0	15.3	25.61	38.09	39.08	20616						308346		
37	35	0	16.0	26.70	38.09	39.08	20616	26.18	38.01	39.05	57576		712104		
38	42	0	9.9	27.42	37.33	39.98	111888						308346		
39	43	0	12.0	27.01	37.81	39.91	118975	27.21	37.87	39.94	230664		972966		
40	36	0	14.0	26.84	38.11	39.08	20995						308346		
41	36	0	14.0	26.84	38.11	39.08	20995	26.50	38.02	39.02	59018		1011984		
42	40	0	14.0	25.89	38.16	39.04	30680						308346		
43	41	0	14.0	26.35	37.95	39.97	30358	26.61	38.02	39.00	61408		1093032		
44	45	0	9.0	27.22	37.82	35.55	250924						308346		
45	45	0	9.0	27.22	37.82	35.55	250924	28.99	38.14	39.44	42078		1513824		
46	44	0	15.3	26.06	38.01	39.05	36268	26.12	38.06	39.10	70818		1584640		
48	46	0	16.0	27.16	38.12	35.15	34448						308346		
48	46	0	16.0	27.16	38.12	35.15	34448						308346		
49	47	0	16.0	26.10	38.13	35.18	43704	26.10	38.10	39.19	88560		437074		
50	54	0	9.9	28.15	38.05	35.70	92472						308346		
51	54	0	9.9	28.15	38.05	35.70	92472	29.45	38.78	39.98	100464		217074		
52	50	0	7.1	30.27	39.04	45.29	97992						308346		
53	51	0	13.0	27.77	38.60	39.37	8952	27.43	38.53	39.81	91384		330456		
54	32	0	13.0	27.13	38.65	39.39	42016						308346		
55	65	0	8.4	25.98	38.35	39.87	308346	26.38	38.73	40.01	33680		414248		
56	60	0	8.4	25.98	38.35	39.87	308346						308346		
57	61	0	9.0	30.20	39.16	48.24	14484	29.94	39.07	40.15	146520		548812		
58	57	0	11.0	30.40	39.13	40.29	20872						308346		
59	57	0	11.0	30.40	39.13	40.29	20872	29.03	39.11	40.22	87848		697458		
60	58	0	11.3	28.28	39.08	40.16	42944						308346		
61	59	0	11.0	28.27	39.06	40.18	1616	29.17	39.07	40.17	84580		782016		

62	95	P1	7.7	38.25	39.42	40.18	8736	865152	128	132	P1	4.0	34.87	40.13	41.51	106312	51600
63	96	P2	7.8	39.19	39.69	40.44	65816	930068	139	133	P1	4.7	34.84	40.69	40.80	78992	71493
64	97	P2	7.8	39.25	39.21	40.27	40058	971024	140	134	P1	4.7	34.87	40.13	41.55	187304	61945
65	98	P1	11.6	39.16	39.43	40.23	41048	1012072	131	132	P1	7.0	34.86	40.28	40.86	46295	78824
66	99	P1	11.6	39.16	39.43	40.23	39408	1051480	132	130	P1	7.0	34.80	40.12	40.70	45760	80151
67	05	P1	11.0	38.36	38.44	40.34	35840	1083320	133	131	P1	7.0	34.48	40.33	40.84	22314	81523
68	02	P1	8.1	32.66	39.74	40.64	174855	1262340	134	138	P1	7.8	34.60	40.33	40.64	3840	89440
69	03	P1	8.0	31.87	39.81	40.71	174845	1311085	135	139	P2	8.0	32.06	39.15	38.03	88938	106440
70	08	P1	11.0	38.76	39.81	40.71	39568	138555	136	134	P1	11.0	32.21	39.43	38.44	3187	118923
71	09	P1	8.0	31.09	39.58	40.79	33224	141705	137	140	P1	11.0	31.70	39.15	38.03	1299	131283
72	10	P1	11.0	31.54	40.11	40.93	30120	36120	138	136	P1	11.0	32.27	39.15	38.03	25840	60926
73	11	P1	11.0	31.54	40.11	40.93	33224	69344	139	137	P1	11.0	31.90	38.12	37.87	22200	141684
74	18	P1	4.6	32.02	40.47	41.17	117408	186752	140	144	P1	6.0	33.41	39.35	39.55	251440	152824
75	19	P2	4.1	34.25	40.81	41.78	96240	289192	141	145	P1	6.0	33.47	39.35	38.85	118856	139399
76	14	P1	6.3	32.88	40.56	41.12	57640	344632	142	140	P1	11.0	33.47	39.35	38.85	25454	161552
77	15	P1	6.3	33.07	40.81	41.68	56872	397504	143	141	P1	11.0	32.86	38.89	38.79	27448	152824
78	16	P1	6.3	33.07	40.81	41.68	56872	451744	144	142	P1	11.0	33.47	39.35	38.85	29240	139399
79	17	P1	5.3	33.75	40.85	41.65	55112	506856	145	143	P1	11.0	33.47	39.35	38.85	29240	139399
80	18	P1	4.5	34.50	40.77	41.51	104400	611256	146	150	P1	4.3	33.77	39.56	38.03	75032	151552
81	19	P1	4.5	34.50	40.77	41.51	104400	698924	147	151	P2	5.2	33.26	39.01	38.97	50032	136124
82	01	P1	4.5	34.50	40.77	41.51	104400	756800	148	146	P1	7.0	33.61	39.34	38.03	31872	12860
83	02	P1	4.5	34.50	40.77	41.51	104400	81512	149	147	P1	7.0	33.61	39.34	38.03	33744	139399
84	03	P1	4.5	34.50	40.77	41.51	104400	86544	150	148	P1	7.0	33.61	39.34	38.03	33744	139399
85	04	P1	4.5	34.50	40.77	41.51	104400	916192	151	149	P1	7.0	33.61	39.34	38.03	33744	139399
86	05	P1	4.5	34.50	40.77	41.51	104400	967924	152	156	P1	3.1	3				

194	195	P1	4.0	33.69	31.98	39.35	324732	408232	280	264	P1	6.8	33.87	38.19	39.14	259088	32.66	38.74	38.10	367944	1321133
195	196	P2	5.0	33.05	33.91	39.15	154536	522728	261	265	P0	7.0	33.29	39.60	38.65	108856	32.66	38.74	38.10	367944	1321592
196	194	B	8.0	31.86	36.78	38.22	55132	817096	263	266	B	9.7	32.17	39.54	40.04	36440	32.49	39.40	39.76	74280	1518272
197	195	B	8.0	31.08	36.74	38.05	52358	870328	263	261	B	9.7	32.84	39.17	39.50	37840	32.49	39.40	39.76	74280	1518272
198	196	B	8.0	32.52	38.19	39.28	24096	814456	264	262	B	8.2	32.41	39.15	39.16	37752	32.51	39.40	39.76	74280	1518272
199	197	B	7.0	32.72	32.87	39.91	31552	741470	265	263	B	7.8	32.55	39.14	39.23	38888	32.48	39.30	39.53	76640	1518272
200	194	P1	7.0	31.78	31.88	39.13	72952	817328	266	270	P1	8.0	32.40	39.99	39.55	77680	32.48	39.30	39.53	76640	1518272
201	205	P2	10.8	30.36	34.49	38.52	42336	859664	267	271	P2	7.3	31.19	38.77	38.77	72008	32.30	38.88	38.91	149588	286328
202	201	P2	12.8	32.45	39.12	39.28	23064	814456	268	266	B	8.7	32.09	39.26	39.44	31544	32.51	39.40	39.76	74280	1518272
203	201	P1	12.0	31.98	38.49	38.50	23064	934952	269	267	B	8.7	31.90	38.76	38.76	35072	32.14	38.88	39.10	67616	293944
204	202	B	12.0	32.10	39.09	39.23	23064	928016	270	268	B	8.7	31.59	39.18	39.39	40640	32.51	39.40	39.76	74280	1518272
205	203	B	12.0	31.39	39.68	38.77	26384	184840	271	269	B	10.2	30.96	38.58	38.76	38376	32.16	38.82	39.07	79016	372860
206	204	P1	6.0	32.51	39.12	39.28	33144	1041544	272	276	P1	6.4	32.84	39.17	39.20	82360	32.51	39.40	39.76	74280	1518272
207	211	P2	5.6	32.32	36.55	38.81	89912	1181456	273	277	P2	6.7	32.19	38.90	38.48	80976	32.51	38.88	39.04	143936	336896
208	206	B	8.0	31.42	39.03	39.24	26184	1157640	274	272	B	10.7	31.39	39.34	39.29	40592	32.51	38.88	39.04	143936	336896
209	207	B	8.0	31.79	36.65	38.84	27776	1185418	275	273	B	10.7	31.43	38.52	38.75	41072	32.11	38.72	39.01	81608	615680
210	207	B	8.0	31.79	36.65	38.84	27776	1298788	276	274	B	10.7	31.43	38.52	38.75	41072	32.11	38.72	39.01	81608	615680
211	209	B	8.0	31.86	38.60	38.60	24434	1595232	277	275	B	10.7	31.43	38.52	38.75	41072	32.11	38.72	39.01	81608	615680
212	216	P1	5.0	33.00	39.44	39.75	316320	1554446	278	282	P1	6.5	32.12	38.74	38.87	80144	32.22	38.67	38.90	158016	777912
213	217	P0	5.0	33.00	39.13	38.17	148736	1699232	279	283	P2	8.5	32.32	38.61	38.6						

Mobile and Calendar : 4.0000 Mbits/sec : Statistics of each field and frame

Total :		300 pictures		
SNR for luminance	Y	28.78 dB		
SNR for chrominance (Cb)	Cr	33.75 dB		
SNR for chrominance (Cr)	Cr	34.22 dB		
Number of bits				
Coefficients	Y	12356261 bits		
	Cr	1548738 bits		
	Cr	1429227 bits		
Motion vectors	total	15334236 bits		
Overhead		2480650 bits		
TOTAL		1971544 bits		
Mean value of Q scale		15.57		

I-picture : 13 pictures				
SNR for luminance	Y	31.74 dB		
SNR for chrominance (Cb)	Cr	31.82 dB		
SNR for chrominance (Cr)	Cr	35.40 dB		
Number of bits				
Coefficients	Y	4409333 bits		
	Cr	871913 bits		
	Cr	879850 bits		
Motion vectors	total	6161105 bits		
Overhead		51126 bits		
TOTAL		6913231 bits		
Mean value of Q scale		6.75		

P2-picture : 38 pictures				
SNR for luminance	Y	29.69 dB		
SNR for chrominance (Cb)	Cr	33.44 dB		
SNR for chrominance (Cr)	Cr	35.36 dB		
Number of bits				
Coefficients	Y	1540483 bits		
	Cr	171189 bits		
	Cr	144887 bits		
Motion vectors	total	2256559 bits		
Overhead		375700 bits		
TOTAL		3632752 bits		
Mean value of Q scale		5.72		

P1-picture : 38 pictures				
SNR for luminance	Y	29.32 dB		
SNR for chrominance (Cb)	Cr	33.83 dB		
SNR for chrominance (Cr)	Cr	34.29 dB		
Number of bits				
Coefficients	Y	2553294 bits		
	Cr	156723 bits		
	Cr	168436 bits		
Motion vectors	total	2678455 bits		
Overhead		85223 bits		
TOTAL		2841184 bits		
Mean value of Q scale		6.82		

Mobile and Calendar : 4.0000 Mbits/sec : Statistics of each field and frame

Total :		300 pictures		
SNR for luminance	Y	28.78 dB		
SNR for chrominance (Cb)	Cr	33.75 dB		
SNR for chrominance (Cr)	Cr	34.22 dB		
Number of bits				
Coefficients	Y	12356261 bits		
	Cr	1548738 bits		
	Cr	1429227 bits		
Motion vectors	total	15334236 bits		
Overhead		2480650 bits		
TOTAL		1971544 bits		
Mean value of Q scale		15.57		

I-picture : 13 pictures				
SNR for luminance	Y	31.74 dB		
SNR for chrominance (Cb)	Cr	31.82 dB		
SNR for chrominance (Cr)	Cr	35.40 dB		
Number of bits				
Coefficients	Y	4409333 bits		
	Cr	871913 bits		
	Cr	879850 bits		
Motion vectors	total	6161105 bits		
Overhead		51126 bits		
TOTAL		6913231 bits		
Mean value of Q scale		6.75		

P2-picture : 38 pictures				
SNR for luminance	Y	29.69 dB		
SNR for chrominance (Cb)	Cr	33.44 dB		
SNR for chrominance (Cr)	Cr	35.36 dB		
Number of bits				
Coefficients	Y	1540483 bits		
	Cr	171189 bits		
	Cr	144887 bits		
Motion vectors	total	2256559 bits		
Overhead		375700 bits		
TOTAL		3632752 bits		
Mean value of Q scale		5.72		

P1-picture : 38 pictures				
SNR for luminance	Y	29.32 dB		
SNR for chrominance (Cb)	Cr	33.83 dB		
SNR for chrominance (Cr)	Cr	34.29 dB		
Number of bits				
Coefficients	Y	2553294 bits		
	Cr	156723 bits		
	Cr	168436 bits		
Motion vectors	total	2678455 bits		
Overhead		85223 bits		
TOTAL		2841184 bits		
Mean value of Q scale		6.82		

Mobile and Calendar : 4.0000 Mbits/sec : Statistics of each field and frame

COD INP 7 Qsc		SN-Y SI-Cb SI-Cr	bits	SN-Y SI-Cb SI-Cr	bits	SN-Y SI-Cb SI-Cr	bits	SN-Y SI-Cb SI-Cr	bits
0	0	7.4	31.45	34.72	35.38	445720			
1	0	7.0	28.51	34.03	34.71	106594			
2	0	7.2	28.58	33.96	34.66	81376			
3	0	7.2	28.58	33.96	34.66	81376			
4	0	7.2	28.58	33.96	34.66	81376			
5	0	7.2	28.58	33.96	34.66	81376			
6	0	7.2	28.58	33.96	34.66	81376			
7	0	7.2	28.58	33.96	34.66	81376			
8	0	7.2	28.58	33.96	34.66	81376			
9	0	7.2	28.58	33.96	34.66	81376			
10	0	7.2	28.58	33.96	34.66	81376			
11	0	7.2	28.58	33.96	34.66	81376			
12	0	7.2	28.58	33.96	34.66	81376			
13	0	7.2	28.58	33.96	34.66	81376			
14	0	7.2	28.58	33.96	34.66	81376			
15	0	7.2	28.58	33.96	34.66	81376			
16	0	7.2	28.58	33.96	34.66	81376			
17	0	7.2	28.58	33.96	34.66	81376			
18	0	7.2	28.58	33.96	34.66	81376			
19	0	7.2	28.58	33.96	34.66	81376			
20	0	7.2	28.58	33.96	34.66	81376			
21	0	7.2	28.58	33.96	34.66	81376			
22	0	7.2	28.58	33.96	34.66	81376			
23	0	7.2	28.58	33.96	34.66	81376			
24	0	7.2	28.58	33.96	34.66	81376			
25	0	7.2	28.58	33.96	34.66	81376			
26	0	7.2	28.58	33.96	34.66	81376			
27	0	7.2	28.58	33.96	34.66	81376			
28	0	7.2	28.58	33.96	34.66	81376			
29	0	7.2	28.58	33.96	34.66	81376			
30	0	7.2	28.58	33.96	34.66	81376			
31	0	7.2	28.58	33.96	34.66	81376			
32	0	7.2	28.58	33.96	34.66	81376			
33	0	7.2	28.58	33.96	34.66	81376			
34	0	7.2	28.58	33.96	34.66	81376			
35	0	7.2	28.58	33.96	34.66	81376			
36	0	7.2	28.58	33.96	34.66	81376			
37	0	7.2	28.58	33.96	34.66	81376			
38	0	7.2	28.58	33.96	34.66	81376			
39	0	7.2	28.58	33.96	34.66	81376			
40	0	7.2	28.58	33.96	34.66	81376			
41	0	7.2	28.58	33.96	34.66	81376			
42	0	7.2	28.58	33.96	34.66	81376			
43	0	7.2	28.58	33.96	34.66	81376			
44	0	7.2	28.58	33.96	34.66	81376			
45	0	7.2	28.58	33.96	34.66	81376			
46	0	7.2	28.58	33.96	34.66	81376			
47	0	7.2	28.58	33.96	34.66	81376			
48	0	7.2	28.58	33.96	34.66	81376			
49	0	7.2	28.58	33.96	34.66	81376			
50	0	7.2	28.58	33.96	34.66	81376			
51	0	7.2	28.58	33.96	34.66	81376			
52	0	7.2	28.58	33.96	34.66	81376			
53	0	7.2	28.58	33.96	34.66	81376			
54	0	7.2	28.58	33.96	34.66	81376			
55	0	7.2	28.58	33.96	34.66	81376			
56	0	7.2	28.58	33.96	34.66	81376			
57	0	7.2	28.58	33.96	34.66	81376			
58	0	7.2	28.58	33.96	34.66	81376			
59	0	7.2	28.58	33.96	34.66	81376			
60	0	7.2	28.58	33.96	34.66	81376			
61	0	7.2	28.58	33.96	34.66	81376			

Mobile and Calendar : 4.0000 Mbits/sec : Statistics of each field and frame

P1	9.0	29.29	33.59	34.7	79456	29.52	33.74	34.29	175032
P1	9.0	27.86	34.00	34.29	72688				
P1	9.0	28.19	34.00	34.29	72688				
P1	9.0	27.73	34.11	34.49	72024	27.63	34.84	34.26	46256
P1	9.0	27.56	33.61	34.24	70872	27.64	33.85	34.36	42936
P1	7.2	31.44	34.34	35.39	465488				
P1	7.2	28.70	34.48	34.90	74440	30.91	34.22	34.90	686912
P1	7.0	28.18	34.05	34.45	68656				
P1	7.0	28.85	34.81	35.23	75008	28.43	34.26	34.77	51096
P1	7.0	28.18	34.05	34.45	68656				
P1	8.1	30.12	34.34	34.91	91592	28.57	34.26	34.93	47416
P1	8.1	29.93	33.74	34.45	84056	30.02	34.05	34.68	175152
P1	8.0	28.80	34.40	34.88	75456				
P1	8.0	28.80	34.40	34.88	75456				
P1	8.0	28.53	34.34	34.78	72328	28.58	34.02	34.55	52368
P1	8.0	28.29	33.74	34.41	70128				
P1	8.0	25.98	33.84	34.26	80396	28.41	34.02	34.59	53456
P1	8.0	28.29	33.74	34.41	70128				
P1	9.5	28.66	33.93	34.25	21464	29.14	33.56	34.05	166800
P1	9.0	28.67	33.74	33.72	21464	28.56	33.57	34.02	44728
P1	9.0	28.66	33.93	34.25	21464				
P1	10.0	28.56	33.56	34.15	92160	28.64	33.84	34.38	41264
P1	10.0	28.85	33.49	33.88	92161				
P1	18.0	28.75	33.75	33.63	82892	28.69	33.91	33.73	174240
P1	18.0	28.75	33.75	33.63	82892				
P1	20.0	27.74	32.99	33.33	23776	27.73	33.22	33.57	47464
P1	21.0	27.64	33.73	34.01	22280				
P1	21.0	27.75	33.78	33.81	16544	27.69	33.55	33.91	42824
P1	21.0	27.75	33.78	33.81	16544				
PU	7.0	30.48	33.73	34.33	220224	30.99	34.22	34.84	685320
P1	19.0	28.47	34.17	34.52	23208				
P1	19.0	28.27	33.79	34.16	25456	28.37	39.95	34.34	44804
P1	19.0	28.74	34.17	34.52	23208				
P1	19.0	28.26	33.90	34.42	21440	28.49	34.23	34.67	44054
P1	9.9	29.79	34.15	34.53	95054				
P1	17.0	29.18	33.42	34.02	81528	29.48	33.77	34.27	172032
P1	17.0	29.05	34.34	34.72	81528				
P1	17.0	28.81	33.48	33.91	71868	28.93	33.89	34.31	42832
P1	17.0	28.47	34.36	34.74	72556				
P1	19.0	28.64	33.74	34.23	21528	28.85	34.04	34.48	44096
P1	9.5	29.34	33.84	34.25	92528				
P1	9.5	29.06	33.38	33.90	92526	29.20	33.52	34.00	192768
P1	14.0	28.19	33.71	34.95	29640				
P1	14.0	28.33	33.36	34.95	29640	28.25	33.52	33.92	50992
P1	17.0	28.63	33.97	34.28	24992				
P1	18.0	27.86	33.43	34.93	25984	28.22	33.72	34.12	50976
P1	18.0	27.86	33.43	34.93	96056				
P1	16.6	28.44	34.31	34.93	25984	28.11	33.37	33.81	177680
P1	26.7	27.67	33.35	33.63	21688				
P1	26.7	27.72	33.12	33.50	22544	27.70	33.24	33.57	44932
P1	26.7	27.72	33.12	33.50	22544				
P1	22.0	27.31	33.23	33.65	26524	27.55	33.32	33.65	44592
P1	9.0	31.53	33.76	35.27	270048				
P1	20.0	33.47	33.67	34.41	232040	30.97	33.18	34.82	632520
P1	20.0	33.47	33.67	34.41	232040				
P1	20.0	28.01	33.73	34.17	24192	29.27	31.91	34.27	47288
P1	20.0	28.54	34.37	34.70	22360				
P1	20.0	28.23	33.75	34.38	21736	28.38	34.05	34.54	44096
P1	9.0	29.47	33.97	34.95	92736				
P1	9.0	29.72	33.85	34.47	90704	29.59	33.91	34.49	187336
P1	16.7	28.74	34.22	34.68	86576				
P1	17.0	28.72	34.48	34.93	86576	28.60	33.84	34.31	55176
P1	17.0	28.50	34.06	34.43	27576				
P1	17.0	28.39	33.70	34.29	26232	28.44	33.88	34.36	53188

123	133	P1	10.8	28.48	30.50	33.98	89024	429440	194	198	P1	7.9	30.08	34.38	34.86	93208	139016				
124	133	P2	10.2	28.70	33.61	34.00	77124	28.50	33.56	33.99	106248	995952	195	189	P1	8.2	29.60	33.65	34.11	90032	229048
130	138	B	20.0	27.86	33.50	33.98	23188	77.85	33.52	33.99	48120	554784	196	184	P1	15.0	29.50	33.64	34.92	94296	253344
132	130	B	20.0	27.86	33.54	33.99	74432	27.86	33.54	33.99	48120	554784	197	185	B	15.0	29.50	33.64	34.92	94296	253344
133	131	B	20.0	27.76	33.60	34.00	22520	27.65	33.53	33.05	47216	579480	198	198	B	15.0	29.48	34.32	34.72	24632	303632
134	138	P1	11.5	28.04	33.32	33.58	84440	28.04	33.32	33.58	47216	579480	199	197	B	15.0	29.49	33.56	34.06	24272	317904
135	138	P2	11.5	28.04	33.32	33.58	84440	28.04	33.32	33.58	47216	579480	200	200	P1	11.0	29.25	33.39	33.82	81776	411024
136	134	B	22.7	27.20	33.13	33.71	74800	28.12	32.24	33.04	153640	769840	201	205	P2	9.2	29.25	33.39	33.82	81776	411024
137	135	B	22.7	27.20	33.13	33.71	74800	28.12	32.24	33.04	153640	769840	202	200	B	11.0	29.25	33.39	33.82	81776	411024
138	136	B	23.0	27.05	33.28	33.47	22792	27.20	33.12	33.47	45176	734576	203	201	B	11.0	29.25	33.39	33.82	81776	411024
139	137	B	23.3	27.09	33.15	33.54	21088	27.07	33.17	33.48	43880	849896	204	201	B	11.0	29.25	33.39	33.82	81776	411024
140	140	P1	7.0	27.31	33.00	33.47	71296	27.31	33.00	33.47	43880	849896	205	203	B	17.0	28.75	33.29	33.70	20216	941360
141	145	P0	22.0	30.35	33.64	34.32	210524	30.88	34.12	34.75	691560	1322936	206	210	P1	3.3	29.41	33.59	34.05	95008	888984
142	140	B	22.0	28.03	33.92	34.26	21888	28.03	33.92	34.26	43336	1541520	207	211	P2	9.4	29.13	33.22	33.63	83776	372744
143	141	B	22.0	27.86	33.65	34.09	22928	27.84	33.78	34.17	44816	1583336	208	210	B	9.4	29.13	33.22	33.63	83776	372744
144	142	B	22.0	27.86	33.65	34.09	22928	27.84	33.78	34.17	44816	1583336	209	207	B	17.0	28.66	33.15	33.52	32200	388112
145	143	B	22.0	27.80	33.64	34.23	21292	28.04	33.92	34.39	41336	26144	210	208	B	17.0	28.72	33.40	33.75	23228	300400
146	150	P1	19.2	28.93	33.62	34.10	98040	28.93	33.62	34.10	98040	142876	211	208	B	17.0	28.72	33.40	33.75	23228	300400
147	151	P2	9.6	28.91	33.72	34.12	87728	29.02	33.69	34.11	185764	228104	212	215	B	12.0	28.61	33.14	33.43	18776	258560
148	149	B	19.0	28.18	33.59	34.02	26912	28.18	33.59	34.02	52712	252394	213	217	P0	6.1	31.10	33.99	34.69	94580	1265560
149	147	B	19.0	28.18	33.59	34.02	26912	28.18	33.59	34.02	52712	252394	214	212	B	17.0	28.26	33.64	34.76	22128	285040
150	148	B	19.0	28.18	33.59	34.02	26912	28.18	33.59	34.02	52712	252394	215	213	B	17.0	28.26	33.64	34.76	22128	285040
151	151	P1	19.0	27.91	33.69	34.12	98040	27.91	33.69	34.12	98040	142876	216	214	B	17.0	28.26	33.64	34.76	22128	285040
152	156	P1	11.6	27.91	33.69	34.12	98040	27.91	33.69	34.12	98040	142876	217	215	B	17.0	28.26	33.64	34.76	22128	285040
153	157	P2	10.3	27.61	33.48	33.88	79280	28.09	33.41	33.88	175592	228104	218	222	P1	5.5	29.41	33.48	33.93	80632	372744
154	152	B	19.7	27.19	33.28	33.59	28816	27.19	33.28	33.59	43336	1541520	219	223	P2	9.5	29.41	33.48	33.93	80632	372744
155	153	B	19.0	27.80	33.42	33.73	27024	27.48	33.35	33.66	558560	228104	220	218	B	9.5	29.41	33.48	33.93	80632	372744
156	153	B	19.0	27.80	33.42	33.73	27024	27.48	33.35	33.66	558560	228104	221	218	B	18.0	28.57	33.91	34.30	22694	300400
157	155	B	19.0	27.80	33.42	33.73	27024	27.48	33.35	33.66	558560	228104	222	220	B	18.0	28.57	33.91	34.30	22694	300400
158	157	P1	16.9	27.61	33.39	33.77	26032	27.61	33.31	33.70	52864	79280	223	220	B	18.0	28.57	33.91	34.30	22694	300400
159	162	P1	14.9	27.61	33.39	33.77	26032	27.61	33.31	33.70	52864	79280	224	220	B	18.0	28.57	33.91	34.30	22694	300400
160	162	P2	14.9	27.61	33.39	33.77	26032	27.61	33.31	33.70	52864	79280	225	220	B	18.0	28.57	33.91	34.30	22694	300400
161	160	B	22.0	27.59	33.39	33.77	26032	27.59	33.39	33.77	52864	79280	226	220	B	18.0	28.57	33.91	34.30	22694	300400
162	160	B	22.0	27.59	33.39	33.77	26032	27.59	33.39	33.77	52864	79280	227	220	B	18.0	28.57	33.91	34.30	22694	300400
163	160	B	22.0	27.59	33.39	33.77	26032	27.59	33.39	33.77	52864	79280	228	220	B	18.0	28.57	33.91	34.30	22694	300400
164	168	I	7.0	27.49	34.70	35.24	47392	27.49	34.70	35.24	47392	79280	229	220	B	18.0	28.57	33.91	34.30	22694	300400
165	169	T0	7.0	20.42	33.58	34.24	210944	30.32	34.10	34.71	690512	1551184	230	225	P0	19.5	25.53	33.92	34.28	80016	372744
166	164	B	22.0	28.18	33.47	34.32	18920	28.18	33.47	34.32	36792	1589776	231	235	P1	20.0	27.95	33.34	33.76	21768	285040
167	164	B	22.0	28.18	33.47	34.32	18920	28.18	33.47	34.32	36792	1589776	232	230	B	20.0	27.95	33.34	33.76	21768	285040
168	165	B	22.0	28.18	33.47	34.32	18920	28.18	33.47	34.32	36792	1589776	233	233	B	21.0	28.00	33.00	33.36	21008	285040
169	167	B	22.0	28.18	33.47	34.32	18920	28.18	33.47	34.32	36792	1589776	234	233	B	21.0	28.00	33.00	33.36	21008	285040
170	174	I1	7.5	30.37	34.39	34.86	107472	30.60	34.00	34.54	200400	443512	235	233	B	21.0	28.00	33.00	33.36	21008	285040
171	174	I2	7.5	30.37	34.39	34.86	107472	30.60	34.00	34.54	200400	443512	236	233	B	21.0	28.00	33.00	33.36	21008	285040
172	170	B	23.0	27.37	33.34	34.25	99808	27.37	33.34	34.25	99808	142876	237	233	B	21.0	28.00	33.00	33.36	21008	285040
173	170	B	23.0	27.37	33.34	34.25	99808	27.37	33.34	34.25	99808	142876	238	233	B	21.0	28.00	33.00	33.36	21008	285040
174	172	B	15.0	29.22	34.11	34.48	23970	29.22	34.11	34.48	23970	309336	239	237	P1	10.0	25.53	33.92	34.28	80016	372744
175	172	B	15.0	29.22	34.11	34.48	23970	29.22	34.11	34.48	23970	309336	240	238	B	19.0	26.93	33.59	33.89	18256	285040
176	180	P1	5.1	29.47	33.91	34.35	99168	29.47	33.91	34.35	99168	142876	241	238	B	19.0	26.93	33.59	33.89	18256	285040
177	181	P2	8.7	29.49	33.43	33.86	92040	29.49	33.43	33.86	92040	142876	242	242	B	14.0	25.23	34.05	34.49	28704	372744
178	176	B	17.7	28.39	34.02	34.39	25520	28.39	34.02	34.39	25520	309336	243	242	B	14.0	25.23	34.05	34.49	28704	372744
179	176	B	17.7	28.39	34.02	34.39	25520	28.39	34.02	34.39	25520	309336	244	242	B	14.0	25.23	34.05	34.49	28704	372744
180	170	B	17.0	28.54	33.90	34.22	25240	28.54	33.90	34.22	25240	309336	245	242	B	14.0	25.23	34.05	34.49	28704	372744
181	179	B	18.0	27.99	33.31	34.34	25336	28.26	33.59	34.02	51576	331112	246	245	B	15.0	25.88	33.55	34.05	28032	372744
182	180	P1	11.0	28.39	34.11	34.48	27520	28.39	34.11	34.48	27520	309336	247	245	B	15.0	25.88	33.55	34.05	28032	372744
183	182	B	21.0	27.78	33.42	33.85	24104	27.78	33.42	33.85	40972	749772	248	247	P1	9.1	25.70	33.47	33.92	82828	372744
184	185	B	22.0	27.58	33.19	33.43	21288	27.58	33.19	33.43	41680	863432	249	247	P1	9.1	25.70	33.47	33.92	82828	372744
185	182	B	22.0	27.58	33.19	33.43	21288	27.58	33.19	33.43	41680	863432	250	248	B	17.0	26.63	33.96	34.42	24208	372744
186	185	B	22.0	27.58	33.19	33.43	21288	27.58	33.19	33.43	41680	863432	251	248	B	17.0	26.63	33.96	34.42	24208	372744
187	187	B	21.0	27.53	33.33	33.64	21068	27.53	33.33	33.64	41680	863432	252	248	B	17.0	26.63	33.96	34.42	24208	372744
188	187	B	21.0	27.53	33.33	33.64	21068	27.53	33.33	33.64	41680	863432	253	248	B	17.0	26.63	33.96	34.42	24208	372744
189	189	T0	7.																		

16

P2-picture : 33 pictures
 SNR for instance : 32.08 dB
 SNR for chrominance (Cb) : 36.07 dB
 SNR for chrominance (Cr) : 36.08 dB
 Number of bits :
 Coefficients : Y 1413882 bits
 Cb 14383 bits
 Cr 142471 bits
 total 1668718 bits
 Motion vectors : 529004 bits
 Overhead : 370448 bits
 TOTAL : 2950168 bits
 Mean value of Q scale : 10.12

92

93

Line	Field statistics	Frame statistics	Cumulative
	SNR-Y SNR-Cb SNR-Cr	bits	bits
62 66 P1 12.4	31.63 38.21 37.30	80564	871928
63 67 P2 12.1	31.77 38.25 37.36	50776	922704
64 68 P1 17.0	31.31 38.23 37.36	41264	963968
65 69 P2 17.3	31.14 38.12 37.24	47256	1011224
66 64 P1 17.3	31.15 38.19 37.22	40808	1052032
67 65 P1 17.0	31.24 38.34 37.33	40464	1092496
68 72 P1 5.2	35.16 38.37 38.77	266076	1358572
69 73 P0 8.0	34.14 38.05 38.63	97844	1456416
70 68 P1 17.7	31.76 38.70 37.80	30844	1487260
71 69 P1 18.0	31.61 38.90 38.05	44360	1531620
72 70 P1 18.0	31.87 37.04 36.20	41592	1573212
73 71 P1 17.0	32.17 37.62 36.53	31528	1604740
74 78 P1 9.1	33.07 37.03 37.81	103824	1708564
75 79 P2 9.4	32.57 36.89 37.15	67880	1776444
76 74 P1 13.0	32.71 37.38 37.30	42444	1818888
77 75 P1 13.3	32.27 37.34 38.19	49168	1868056
78 76 P1 13.3	32.49 37.17 38.08	48652	1916708
79 77 P1 13.0	32.16 37.13 38.03	43432	1960140
80 84 P1 9.9	32.50 36.68 37.58	99728	2059868
81 85 P2 8.8	32.56 36.70 37.65	71752	2131620
82 80 P1 14.0	31.65 38.83 37.66	45552	2177172
83 81 P1 14.3	31.85 38.74 37.60	50008	2227180
84 82 P1 14.3	31.83 38.74 37.67	48776	2275956
85 83 P1 13.0	32.22 36.78 37.68	41812	2317768
86 90 P1 8.8	32.68 36.87 37.57	100580	2418348
87 91 P2 8.7	32.72 36.65 37.50	72872	2491220
88 88 P1 12.7	31.99 38.54 37.61	44320	2535540
89 87 P1 13.0	32.05 38.54 37.64	41320	2576860
90 88 P1 13.0	31.85 38.57 37.61	52188	2629048
91 89 P1 12.9	32.29 38.68 37.61	43508	2672556
92 96 P1 8.7	31.68 37.88 38.34	244576	2917132
93 97 P0 7.0	33.44 37.34 38.12	84816	3001948
94 98 P1 18.7	31.97 38.68 37.60	43264	3045212
95 93 P1 14.0	31.91 38.82 37.72	57608	3102820
96 94 P1 14.9	31.90 38.87 37.78	47400	3150220
97 95 P1 13.0	32.28 37.18 38.09	48400	3198620
98 102 P1 11.8	31.83 38.24 37.21	83904	3282524
99 103 P2 11.9	31.94 38.42 37.33	81528	3364052
100 98 P1 18.7	31.28 38.62 37.69	40876	3404928
101 99 P1 17.3	31.55 38.34 37.46	47400	3452328
102 100 P1 17.0	31.23 38.28 37.40	47344	3500072
103 101 P1 18.0	31.69 38.34 37.33	38288	3538360
104 106 P1 10.3	32.07 38.22 37.12	98568	3636928
105 108 P2 10.2	32.14 38.37 37.21	81848	3718776
106 104 P1 15.0	31.21 38.21 37.15	41192	3759968
107 105 P1 15.3	31.43 38.15 37.14	30064	3800032
108 106 P1 15.0	31.30 38.13 37.07	48232	3848264
109 107 P1 14.0	31.53 38.89 37.20	80364	3928628
110 114 P1 9.1	32.48 36.29 37.22	78112	4006740
111 115 P2 8.5	32.47 36.36 37.34	55224	4061964
112 110 P1 12.0	31.87 38.36 37.30	102720	4164684
113 111 P1 13.0	31.99 38.32 37.32	56992	4221676
114 112 P1 12.3	31.83 38.33 37.26	86364	4308040
115 113 P1 11.8	32.48 36.92 37.24	48400	4356440
116 120 P1 8.1	32.75 37.40 38.00	232704	4589144
117 121 P0 8.0	32.79 37.40 37.67	77496	4666640
118 116 P1 12.3	32.22 36.71 37.58	47128	4713768
119 117 P1 13.0	32.23 36.87 37.79	51528	4765296
120 118 P1 13.8	32.48 36.92 37.74	49576	4814872
121 119 P1 12.0	32.56 37.03 38.07	40336	4855208
122 120 P1 8.5	32.62 38.70 37.40	102720	4957928
123 127 P2 9.7	32.11 36.48 37.31	84028	5041956
124 122 P1 13.7	31.86 38.84 37.75	30272	5072228
125 123 P1 14.0	32.05 38.70 37.84	43004	5115232
126 124 P1 14.0	31.75 38.71 37.63	44992	5160224
127 125 P1 13.7	31.92 38.71 37.50	38128	5200352

Line	Field statistics	Frame statistics	Cumulative
	SNR-Y SNR-Cb SNR-Cr	bits	bits
128 132 P1 7.6	33.00 36.85 37.47	116382	5316440
129 133 P2 7.4	33.04 36.83 37.54	77928	5394368
130 128 P1 12.0	32.05 36.50 37.32	48624	5442992
131 129 P1 12.0	32.14 36.54 37.39	54968	5497960
132 130 P1 12.0	32.18 36.63 37.48	54104	5552064
133 131 P1 11.3	32.48 36.80 37.54	45760	5600824
134 138 P1 8.7	32.58 36.50 37.48	104872	5705696
135 139 P2 7.5	32.89 36.75 37.56	71584	5777280
136 134 P1 12.0	32.20 36.50 37.30	46048	5823328
137 135 P1 12.3	32.08 36.53 37.33	51368	5874696
138 136 P1 12.0	32.36 36.55 37.40	51776	5926472
139 137 P1 11.7	31.77 36.59 37.49	49000	5975472
140 144 P1 8.0	33.80 37.50 38.04	231184	6206656
141 145 P0 8.0	32.81 37.00 37.84	70720	6277376
142 140 P1 12.0	32.22 36.90 37.77	48576	6325952
143 141 P1 13.1	32.34 36.97 37.89	47448	6373400
144 142 P1 12.0	32.35 36.97 37.81	48160	6421560
145 143 P1 12.0	32.27 37.24 38.12	42544	6464104
146 150 P1 8.7	32.62 36.54 37.55	114488	6578592
147 151 P2 8.5	32.64 36.56 37.62	68952	6647544
148 146 P1 13.0	32.14 36.78 37.87	39884	6687428
149 147 P1 13.0	32.20 36.68 37.85	44848	6732276
150 148 P1 13.7	32.22 36.60 37.79	43520	6775796
151 149 P1 12.7	32.11 36.66 37.77	39608	6815404
152 156 P1 8.2	32.76 36.32 37.39	116604	6932008
153 157 P2 7.6	32.86 36.39 37.49	84664	7016672
154 158 P1 13.0	32.27 36.50 37.57	42000	7058672
155 153 P1 13.0	32.17 36.48 37.58	48800	7107472
156 154 P1 13.0	32.12 36.38 37.47	48400	7155872
157 155 P1 12.3	32.15 36.48 37.47	44328	7200200
158 162 P1 8.7	32.49 36.06 37.15	116224	7316424
159 163 P2 8.0	32.35 35.99 37.10	70168	7386592
160 158 P1 13.0	31.87 36.08 37.29	44056	7430648
161 159 P1 13.0	31.99 36.11 37.29	50800	7481448
162 160 P1 13.0	31.91 36.07 37.23	51128	7532576
163 161 P1 12.0	31.90 36.07 37.22	47784	7580360
164 168 P1 7.9	34.19 37.14 37.68	856112	8436472
165 169 P0 7.0	33.15 36.94 37.00	80728	8517200
166 164 P1 14.0	31.99 36.20 37.38	45576	8562776
167 165 P1 14.0	31.76 36.34 37.53	53680	8616456
168 166 P1 14.0	31.75 36.45 37.63	53496	8670052
169 167 P1 13.7	32.38 36.78 37.88	48880	8718932
170 174 P1 10.9	31.71 35.84 37.05	102144	8821076
171 175 P2 10.0	32.03 36.01 37.08	68312	8889388
172 170 P1 15.0	31.60 36.42 37.62	41856	8931244
173 171 P1 15.0	31.54 36.25 37.48	47112	8978356
174 172 P1 15.0	31.63 36.14 37.45	46368	9024724
175 173 P1 15.0	31.53 36.09 37.33	40824	9065548
176 180 P1 10.9	31.82 35.85 36.75	101644	9167192
177 181 P2 9.0	31.81 35.80 36.71	63928	9231120
178 178 P1 15.0	31.23 35.87 36.58	47344	9278464
179 177 P1 15.0	31.22 35.84 36.99	43548	9322012
180 176 P1 15.0	31.24 35.89 36.83	47776	9369788
181 179 P1 14.7	31.27 35.82 36.88	38760	9408548
182 186 P1 8.9	32.03 35.88 37.03	105472	9514020
183 187 P2 8.7	32.35 35.83 37.10	65312	9579332
184 182 P1 13.7	31.27 35.83 37.06	43940	9623272
185 183 P1 14.0	31.20 35.99 37.10	43784	9667056
186 184 P1 13.7	31.52 36.03 37.17	47416	9714472
187 185 P1 13.0	31.88 36.13 37.22	40624	9755096
188 186 P1 13.0	31.83 36.14 37.25	42544	9800040
189 190 P0 8.0	32.89 36.83 37.60	235944	10035984
190 188 P1 14.0	32.00 36.84 37.46	42040	10078024
191 189 P1 14.3	31.91 36.87 37.62	47056	10125080
192 190 P1 14.3	31.71 36.81 37.70	48896	10173976
193 191 P1 13.7	32.10 36.95 37.79	42288	10216264

Total :	300 pictures	
	SNR for luminance	34.93 dB
	SNR for chrominance (Cb)	36.85 dB
	SNR for chrominance (Cr)	36.43 dB
	Number of bits	

```

I-picture : 13 pictures
SNR for luminance                38.69 dB
SNR for chrominance (Cb)         38.13 dB
SNR for chrominance (Cr)         37.48 dB
Number of bits
Coefficients      Y      4797297 bits
                  Cb      1048125 bits
                  Cr      1158351 bits
                  total    7003773 bits
Motion vectors      0 bits
Overhead            52179 bits
TOTAL              7055952 bits
Mean value of Q scale      2.54

```

```

0-picture : 198 pictures
CNR for luminance                34.46 dB
SNR for chrominance (Cb)         36.73 dB
SNR for chrominance (Cr)        36.38 dB
Number of bits
Coefficients
I      9437753 bits
Y      536808 bits
Cr      846051 bits
Cb      846051 bits
total 10828702 bits
Motion vectors
Overhead
TOTAL 1131040 bits
16924752 bits
lean value of Q scale          5.92

```

PO-pictures :	13 pictures	
SNR for luminance		36.46 dB
SNR for chrominance (Cb)		37.32 dB
SNR for chrominance (Cr)		36.53 dB
Pusher of bits		
Coefficients	Y	3227964 bits
	Cb	408593 bits
	Cr	408593 bits
	total	4101396 bits
Motion vectors		77641 bits
Overhead		127739 bits
TOTAL		4368776 bits
Mean value of Q scale		3.00

Number of bits		
Coefficients	Y	5723087 bits
	Cb	409394 bits
	Cr	1900849 bits
	total	8533250 bits
Motion vectors		441008 bits
Overhead		356632 bits
TOTAL		9331688 bits
Mean value of Q scale		3.24

P2-pictures	38 pictures	
SNR for luminance		35.69 dB
SNR for chrominance (Cr)		36.79 dB
SNR for chrominance (Cb)		36.33 dB
Number of hits		
Coefficients	Y	5856073 bits
	Cr	597052 bits
	Cb	783246 bits
	total	7236371 bits
Motion vectors		85043 bits
Overhead		453770 bits
TOTAL		8243184 bits
Mean value of Q scale		3.43

129	132	P1	3.2	35.09	36.80	36.24	240815	125569	194	198	P1	2.7	35.37	37.81	35.77	266760	36.09	37.21	36.50	486928	417296
130	133	P2	3.1	35.09	36.76	36.20	229448	125570	195	199	P1	2.7	35.37	37.85	35.81	220284	36.09	37.21	36.50	486928	417296
131	134	B	5.0	34.67	36.72	36.42	82776	1257920	196	194	B	5.7	34.47	37.13	36.81	75884	36.09	37.21	36.50	486928	417296
132	135	B	4.9	34.83	36.79	36.52	84844	126224	197	195	B	6.0	34.21	37.10	36.82	73124	34.34	37.11	36.88	149112	407976
133	136	B	4.7	34.75	36.76	36.20	80576	126960	198	196	B	5.7	34.10	36.87	36.38	72160	34.34	37.11	36.88	149112	407976
134	137	B	3.1	35.74	37.54	36.67	102776	1269720	199	197	B	6.0	34.40	37.04	36.38	73160	34.25	36.96	36.61	144176	404572
135	138	P1	3.3	35.06	36.48	36.17	235952	127048	200	198	P1	2.0	35.00	36.94	36.17	220284	34.25	36.96	36.61	144176	404572
136	139	P2	3.4	35.06	36.48	36.17	207672	2253560	201	199	P2	3.1	36.26	37.20	36.57	280400	36.27	37.09	36.50	526764	417296
137	140	B	4.3	35.06	36.47	36.14	81000	2333400	202	200	B	5.0	34.39	36.74	36.49	83472	36.27	37.09	36.50	526764	417296
138	141	B	4.3	35.06	36.47	36.14	81000	2432016	203	201	B	5.0	34.26	36.30	36.00	99504	34.33	36.50	36.24	163056	1655392
139	142	B	4.7	34.82	36.45	36.17	97056	2435388	204	202	B	5.0	34.50	36.81	36.50	87552	34.33	36.50	36.24	163056	1655392
140	143	B	4.7	34.55	36.35	36.06	84352	243624	205	203	B	5.0	34.50	36.81	36.50	87552	34.33	36.50	36.24	163056	1655392
141	144	B	4.3	34.79	36.30	36.06	98416	243624	206	204	B	5.0	34.76	36.20	35.67	199312	34.41	36.65	36.31	164504	164096
142	145	P0	4.6	35.21	36.47	35.58	227328	243624	207	205	P0	4.2	34.66	35.78	35.43	21816	34.41	36.65	36.31	164504	164096
143	146	B	4.7	34.37	37.21	36.73	90088	243624	208	206	B	6.3	33.45	35.82	35.64	71056	34.24	36.93	35.55	140328	2322080
144	147	B	4.7	34.40	36.55	36.11	85504	243624	209	207	B	6.7	33.04	35.89	35.60	69556	34.24	36.93	35.55	140328	2322080
145	148	B	4.7	34.68	37.15	36.82	78196	243624	210	208	B	6.7	33.04	35.89	35.60	69556	34.24	36.93	35.55	140328	2322080
146	149	B	4.7	34.68	37.15	36.82	78196	243624	211	209	B	6.7	33.04	35.89	35.60	69556	34.24	36.93	35.55	140328	2322080
147	150	B	4.7	34.68	37.15	36.82	78196	243624	212	210	B	6.7	33.04	35.89	35.60	69556	34.24	36.93	35.55	140328	2322080
148	151	B	4.7	34.68	37.15	36.82	78196	243624	213	211	B	6.7	33.04	35.89	35.60	69556	34.24	36.93	35.55	140328	2322080
149	152	B	5.0	33.93	36.72	36.48	85848	243624	214	212	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
150	153	B	5.0	33.93	36.72	36.48	85848	243624	215	213	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
151	154	B	5.0	33.93	36.72	36.48	85848	243624	216	214	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
152	155	B	5.0	33.93	36.72	36.48	85848	243624	217	215	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
153	156	B	5.0	33.93	36.72	36.48	85848	243624	218	216	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
154	157	B	5.0	33.93	36.72	36.48	85848	243624	219	217	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
155	158	B	5.0	33.93	36.72	36.48	85848	243624	220	218	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
156	159	B	5.0	33.93	36.72	36.48	85848	243624	221	219	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
157	160	B	5.0	33.93	36.72	36.48	85848	243624	222	220	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
158	161	B	5.0	33.93	36.72	36.48	85848	243624	223	221	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
159	162	B	5.0	33.93	36.72	36.48	85848	243624	224	222	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
160	163	B	5.0	33.93	36.72	36.48	85848	243624	225	223	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
161	164	B	5.0	33.93	36.72	36.48	85848	243624	226	224	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
162	165	B	5.0	33.93	36.72	36.48	85848	243624	227	225	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
163	166	B	5.0	33.93	36.72	36.48	85848	243624	228	226	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
164	167	B	5.0	33.93	36.72	36.48	85848	243624	229	227	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
165	168	B	5.0	33.93	36.72	36.48	85848	243624	230	228	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
166	169	B	5.0	33.93	36.72	36.48	85848	243624	231	229	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
167	170	B	5.0	33.93	36.72	36.48	85848	243624	232	230	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
168	171	B	5.0	33.93	36.72	36.48	85848	243624	233	231	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
169	172	B	5.0	33.93	36.72	36.48	85848	243624	234	232	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
170	173	B	5.0	33.93	36.72	36.48	85848	243624	235	233	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
171	174	B	5.0	33.93	36.72	36.48	85848	243624	236	234	B	6.0	33.45	36.13	35.82	85368	36.55	37.51	36.74	536616	3493456
172	175	P2	3.0	36.38	37.61	36.84	25976	243624	237	235	P2	3.0	36.38	37.61	36.84	25976	36.38	37.61	36.84	25976	243624
173	176	P1	3.0	36.38	37.61	36.84	25976	243624	238	236	P1	3.0	36.38	37.61	36.84	25976	36.38	37.61	36.84	25976	243624
174	177	P2	3.0	36.38	37.61	36.84	25976	243624	239	237	P2	3.0	36.38	37.61	36.84	25976	36.38	37.61	36.84	25976	243624
175	178	P1	3.0	36.38	37.61	36.84	25976	243624	240	238	P1	3.0	36.38	37.61	36.84	25976	36.38	37.61	36.84	25976	243624
176	179	P2	3.0	36.38	37.61	36.84	25976	243624	241	239	P2	3.0	36.38	37.61	36.84	25976	36.38	37.61	36.84	25976	243624
177	180	P1	3.0	36.38	37.61	36.84	25976	243624	242	240	P1	3.0	36.38	37.61	36.84	25976	36.38	37.61	36.84	25976	243624
178	181	P2	3.0	36.38	37.61	36.84	25976	243624	243	241	P2	3.0	36.38	37.61	36.84	25976	36.38	37.61	36.84	25976	243624
179	182	P1	3.0	36.38	37.61	36.84	25976	243624	244	242	P1	3.0	36.38	37.61	36.84	25976	36.38	37.61	36.84	25976	243624
180	183	P2	3.0	36.38	37.61	36.84	25976	243624	245	243	P2	3.0	36.38	37.61	36.84	25976	36.38	37.61	36.84	25976	243624
181	184	P1	3.0	36.38	37.61	36.84	25976	243624	246	244	P1	3.0	36.38	37.61	36.84	25976	36.38	37.61	36.84	25976	243624
182	185	P2	3.0	36.38	37.61	36.84	25976	243624	247	245	P2	3.0	36.38	37.61	36.84	25976	36.38	37.61	36.84	25976	243624
183	186	P1	3.0	36.38	37.61	36.84	25976	243624	248	246	P1	3.0	36.38	37.61	36.84	25976	36.38	37.61	36.84	25976	243624
184	187	P2	3.0	36.38	37.61	36.84	25976	243624	249	247	P2	3.0	36.38	37.61	36.84	25976	36.38	37.61	36.84	25976	243624
185	188	P1	3.0	36.38	37.61	36.84	25976	243624	250	248	P1	3.0	36.38	37.61	36.84	25976	36.38	37.61	36.84	25976	243624
186	189	P2	3.0	36.38	37.61	36.84	25976	243624	251	249	P2	3.0	36.38	37.61	36.84	25976	36.38	37.61	36.84	25976	243624
187	190	P1	3.0	36.38	37.61	36.84	25976	243624	252	250	P1	3.0	36.38	37.61	36.84	25976	36.38	37.61	36.84	25976	243624
188	191	P2	3.0	36.38	37.61	36.84	25976	243624	253	251	P2	3.0	36.38	37.61	36.84	25976	36.38	37.61	36.84	25976	243624
18																					